

# PCAPP DESIGN OPTIONS

## and Details

### PUEBLO CHEMICAL AGENT-DESTRUCTION PILOT PLANT SUMMARY OF DESIGN OPTIONS

	Original 2004 Design	Design Option 1	Design Option 2
Description	Treat all secondary waste <i>on site</i>	Treat agent hydrolysate <i>on site</i> ; treat dunnage and energetics <i>off site</i>	Treat dunnage, agent hydrolysate and energetics <i>off site</i>
Construction Start	Summer 2005	Summer 2005	Summer 2005
Closure	August 2012	August 2014	August 2014
Cost	\$2.6 billion	\$1.67 billion	\$1.64 billion
Peak Number of Operating Jobs	1,200	998	977
Peak Number of Construction Jobs	1,200 (approximate)	350 (approximate)	250 (approximate)



### GLOSSARY

**Hydrolysate:** Byproduct created when mustard agent is destroyed, composed mainly of water, salts and a common industrial chemical called thiodiglycol

**Dunnage:** Waste products such as wood pallets and boxes

**Energetics:** Explosive components

**Safety and environmental considerations remain a priority in all design options.**

